RAW SEQUENCE LISTING   DATE: 03/18/2002
PATENT APPLICATION: US/09/749,601A   TIME: 14:45:17

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   4 <110> APPLICANT: Nicolaides, Nicholas
   5   Grasso, Luigi
   6   Sass, Philip
   7   Kinzler, Kenneth
   8   Vogelstein, Bert
  10 <120> TITLE OF INVENTION: A method for generating hypermutable
  11   plants
  13 <130> FILE REFERENCE: 01107.00069
  15 <140> CURRENT APPLICATION NUMBER: 09/749,601A
  16 <141> CURRENT FILING DATE: 2000-12-28
  18 <150> PRIOR APPLICATION NUMBER: 60/183,333
  19 <151> PRIOR FILING DATE: 2000-02-18
  21 <160> NUMBER OF SEQ ID NOS: 14
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75 aaatttcgag ttttgcctca gccaactaat ctcgcaaccc caaacacaaa gcgttttaaa      1740
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102 aatttcaagg tttgtgtcca aattctccga agaacttttg atgttcttgc acttaagcat       300
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196     50                  55                  60
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198 65                  70                  75                  80
199 Gln Val Ser Asp Asp Gly His Gly Ile Arg Arg Glu Asp Leu Pro Ile
200             85                  90                  95
201 Leu Cys Glu Arg His Thr Thr Ser Lys Leu Thr Lys Phe Glu Asp Leu
202             100                 105                 110
203 Phe Ser Leu Ser Ser Met Gly Phe Arg Gly Glu Ala Leu Ala Ser Met
204         115                 120                 125
205 Thr Tyr Val Ala His Val Thr Val Thr Thr Ile Thr Lys Gly Gln Ile
206     130                 135                 140
207 His Gly Tyr Arg Val Ser Tyr Arg Asp Gly Val Met Glu His Glu Pro
208 145                 150                 155                 160
209 Lys Ala Cys Ala Ala Val Lys Gly Thr Gln Ile Met Val Glu Asn Leu
210             165                 170                 175
211 Phe Tyr Asn Met Ile Ala Arg Arg Lys Thr Leu Gln Asn Ser Ala Asp
212         180                 185                 190
213 Asp Tyr Gly Lys Ile Val Asp Leu Leu Ser Arg Met Ala Ile His Tyr
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216     210                 215                 220
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224         275              280              285
225 Arg Leu Val Glu Cys Ser Ala Leu Lys Arg Ala Ile Glu Ile Val Tyr
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228 305              310              315              320
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234         355              360              365
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236         370              375              380
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238 385              390              395              400
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242         420              425              430
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246         450              455              460
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248 465              470              475              480
249 Tyr Val Gly Met Ala Asp Asp Val Phe Ala Leu Val Gln Tyr Asn Thr
250              485              490              495
251 His Leu Tyr Leu Ala Asn Val Val Asn Leu Ser Lys Glu Leu Met Tyr
252         500              505              510
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254         515              520              525
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256         530              535              540
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262         580              585              590
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VERIFICATION SUMMARY   DATE: 03/18/2002
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